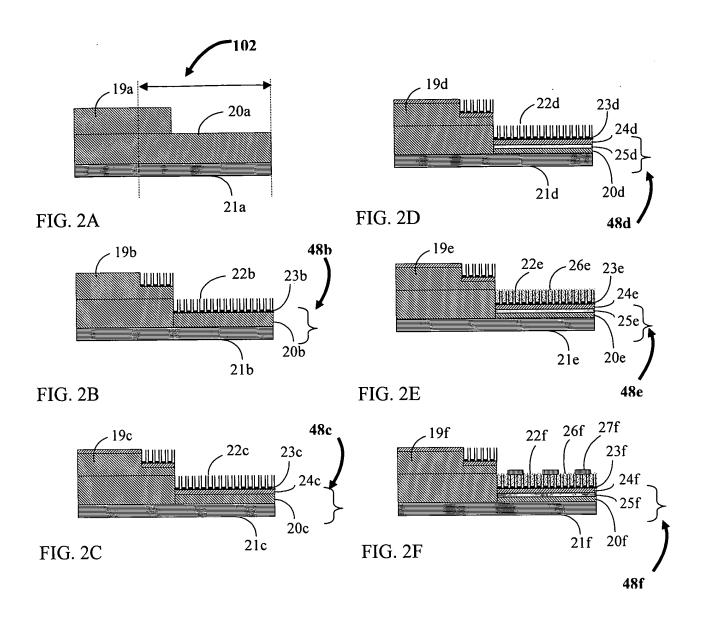
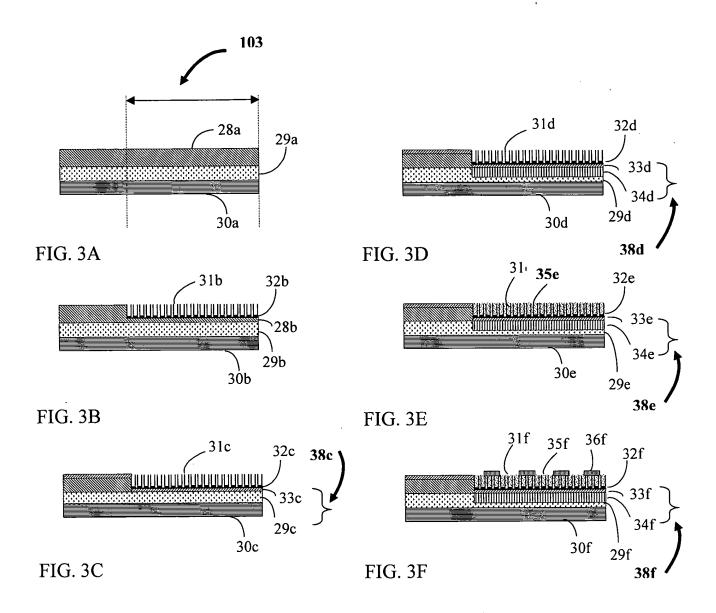


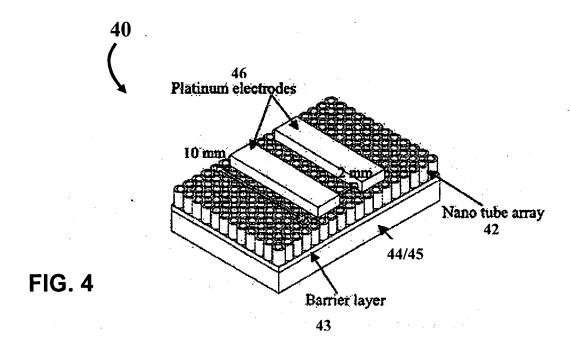
FIGs. 1A – 1E



FIGs. 2A - 2F



FIGs. 3A - 3F



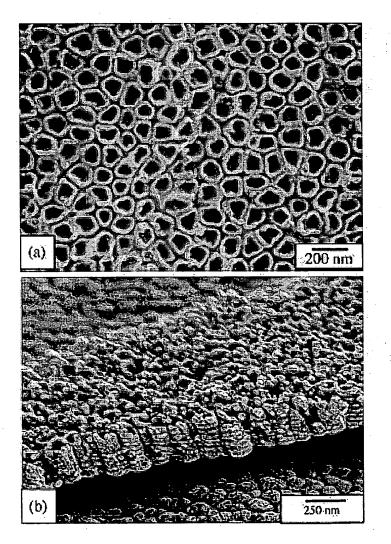
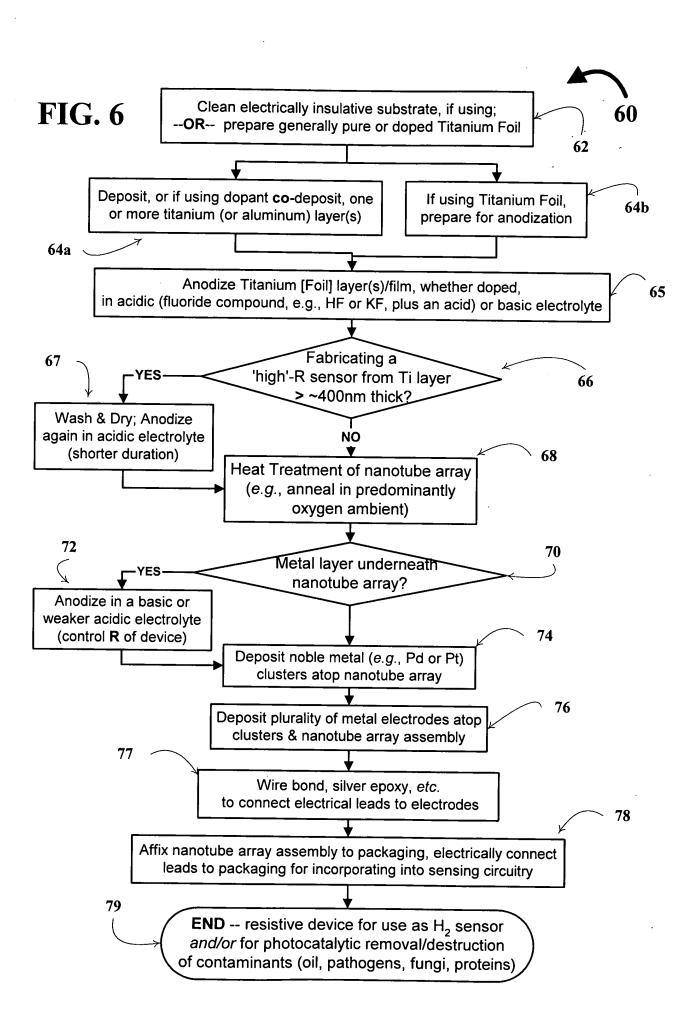
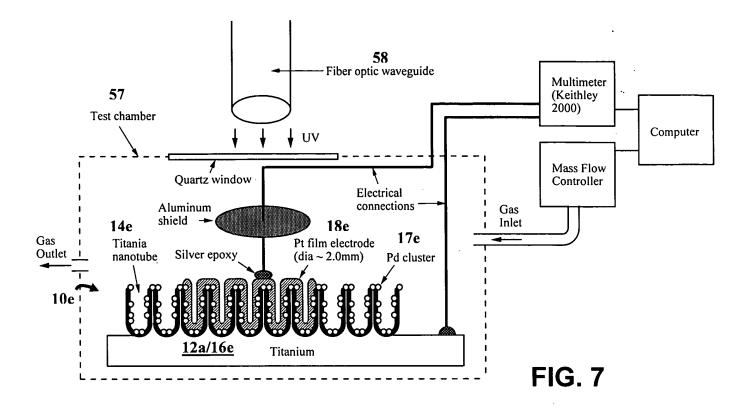
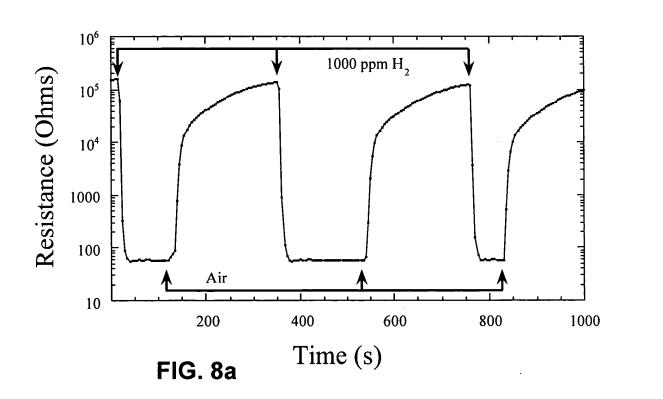


FIG. 5a

FIG. 5b







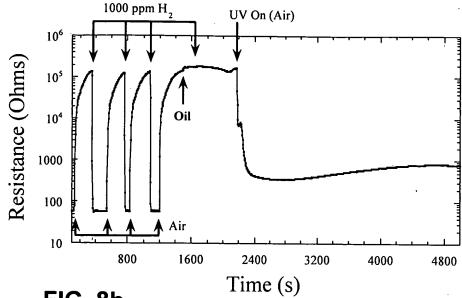


FIG. 8b

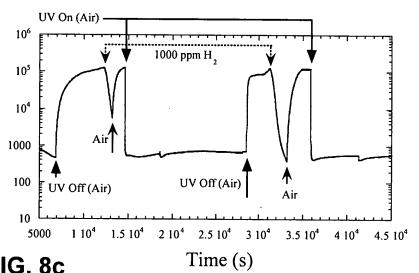


FIG. 8c

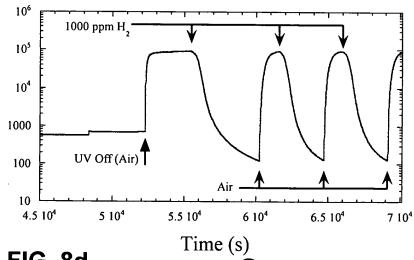
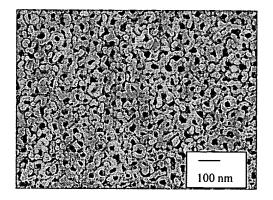


FIG. 8d

FIG. 8e 10^6 contamination 1000 ppm H (motor oil) 10⁵ Resistance(Ohms) Resistance reduction 500ppm H, due to photoconductivity 10^4 air UV exposure in air UV off 1000 100 air 1 10⁴ 1.5 10⁴ $3\overline{10^4}$ $2\;10^4$ $2.5\ 10^4$ 0 5000 $3.5 \, 10^4$ 4 10⁴ Time(seconds)



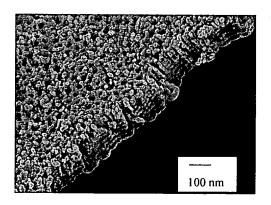


FIG. 9a

FIG. 9b

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